GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE OF TRANSPORTATION DATA

GEORGIA GIS CLEARINGHOUSE **CHEATSHEET DOCUMENT**

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1. Overview

1.1 Introduction

The purpose of this document is to provide additional instructions for Georgia Department of Transportation (GDOT) customers to develop queries to locate commonly-requested data on the Georgia Geographic Information System (GIS) Clearinghouse website.

1.2 Georgia GIS Clearinghouse Website

Use the Georgia Geographic Information System (GIS) Clearinghouse website to query for and download various Countywide and Statewide data. Contributions to this website are provided from a variety of public and governmental agencies.

1.3 Fees For Downloading Data

Depending on who provided the data to the Geographic Information System (GIS) Clearinghouse website, downloading the data may be FREE or fee-based.

All data provided to the Georgia GIS Clearinghouse website by the Georgia Department of Transportation (GDOT) can be downloaded for **FREE**.

1.4 Disclaimer

This document is **not** a comprehensive document and does **not** contain instructions for developing all the queries for locating all the various data on the Georgia Geographic Information System (GIS) Clearinghouse website.

This document is **not** intended to replace the existing online help that is available on the Georgia Geographic Information System (GIS) Clearinghouse website.

The Georgia Department of Transportation (GDOT) makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of this information and data contained in this document.

1.5 Acronyms and Abbreviations

Throughout this document, the below acronyms and abbreviations was used:

Acronym or Abbreviation	Description
DOT	Department of Transportation
GA	Georgia
GDOT	Georgia Department of Transportation
GIS	Geographic Information System
OTD	Office of Transportation Data

1.6 Version History

Date	Version Number	Ву	Description
09/03/2010	00.01	GDOT OTD	Initial Draft
09/20/2010	00.02	GDOT OTD	Incorporated review comments/suggestions.
9/28/2010	01.00	GDOT OTD	Incorporated review comments/suggestions and finalized document for release.

2. Using GA GIS Clearinghouse Website

2.1 Getting Started

- 1. Open the **Georgia Geographic Information System (GIS) Clearinghouse website**. Refer to Section 2.2 Opening Georgia GIS Clearinghouse Website.
- 2. If you have already registered your e-mail address with the Georgia Geographic Information System (GIS) Clearinghouse website, go to Step 3. Otherwise, refer to Section 2.3 Performing Registration for Access to Georgia GIS Clearinghouse Data.
- 3. Log on to the Georgia Geographic Information System (GIS) Clearinghouse website, refer to Section 2.4 Logging In to Georgia GIS Clearinghouse Website.
- 4. Perform any of the following tasks:
 - Section 2.5 Querying for Countywide Road Data
 - Section 2.6 Querying For Countywide Aerial Imagery Data
 - Section 2.7 Querying For Countywide GDOT Data
 - Section 2.8 Querying For Statewide GDOT Data

2.2 Opening Georgia GIS Clearinghouse Website

- 1. Do one of the following sub-steps:
 - On the Georgia DOT Maps page (<u>www.dot.ga.gov/maps</u>), select (click) the Georgia GIS Clearinghouse hyperlink.
 - OR -
 - 1. Launch your internet browser application.
 - 2. In the address field, type the **web address of the Georgia GIS Clearinghouse website** (https://Data.GeorgiaSpatial.org/login.asp).
 - 3. Press the **Enter** key on your keyboard.

Results: The Georgia GIS Clearinghouse Login page is displayed.



2.3 Performing Registration for Access to Georgia GIS Clearinghouse Data

- 1. Open the Georgia GIS Clearinghouse website. Refer to 2.2 Opening Georgia GIS Clearinghouse Website.
- 2. In the second paragraph of the Georgia GIS Clearinghouse Login page, select (click) the **here** hyperlink. Results: The Georgia GIS Clearinghouse Registration Information page is displayed.



- 3. In the Email Address field, type your valid **e-mail address**.
- 4. Select (click) the **Submit button**.

Results: A randomly generated password will be e-mailed to the e-mail address that you entered.

2.4 Logging In to Georgia GIS Clearinghouse Website

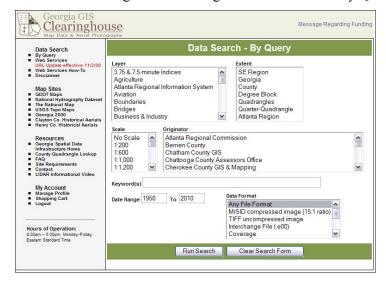
1. Open the Georgia GIS Clearinghouse website. Refer to Section 2.2 - Opening GA GIS Clearinghouse Website.

Results: The Georgia GIS Clearinghouse Login page is displayed.



- 2. In the Email address field, type the **e-mail address** that you used to register with the Georgia GIS Clearinghouse.
- 3. In the Password field, type the **password** that the Georgia GIS Clearinghouse e-mailed you.
- 4. Select (click) the **Submit** button.

Results: The Georgia GIS Clearinghouse - Data Search By Query page is displayed.



2.5 Querying For Countywide Road Data

1. If the Search Results field contains any entries, select (click) the Clear Search Form button.

Results: The Georgia GIS Clearinghouse - Data Search By Query page is displayed.



2. In the Extent field, select (click) **County**.

Results:

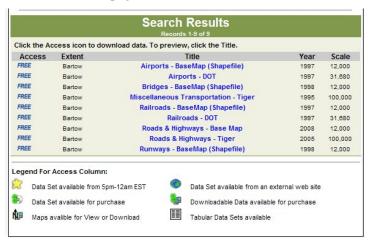
- The County entry is highlighted (gray).
- The Georgia Counties field is added to the displayed Georgia GIS Clearinghouse Data Search By Query page.
- 3. In the Georgia Counties field, **scroll** the field as required and select (click one county name or press the CTRL key while clicking multiple county names) one or more **county names** in which you want to view the corresponding county road data.

Results: The selected county name(s) is highlighted (gray).

- 4. In the Keyword(s) field, type **Road** or **road**.
- 5. In the Data Format field, select (click) **Any File Format**.

6. Select (click) the Run Search button.

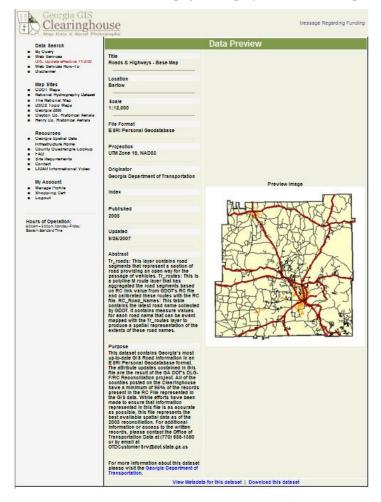
Results: The first page of the entries that match the search criteria are added to Search Results field.



- 7. In the Search Results field, **scroll** the field as required until you see the title of the hyperlink in which you want to open.
- 8. If the Search Results field does not contain the title of the hyperlink in which you are searching for, one or more of the following may be the reason:
 - Your query for data resulted in multiple pages of hyperlinked data. Open the next page(s) of the Search Results field and **go back to Step 7**.
 - The data in which you are searching for is not available on the Georgia GIS Clearinghouse website. Stop your query, you are done performing this procedure.
 - You have selected the wrong parameters on the fields of the Georgia GIS Clearinghouse Data Search By Data page. **Go back to Step 1**.
 - You have mistyped an entry in the Keyword(s) field of the Georgia GIS Clearinghouse Data Search By Data page. **Go back to Step 1**.

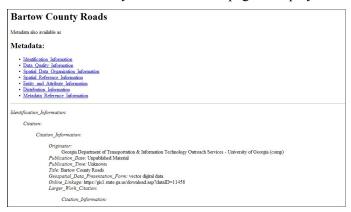
9. Select (click) the **Roads & Highways - Base Map** hyperlink.

Results: The Data Preview page is displayed for the corresponding data.



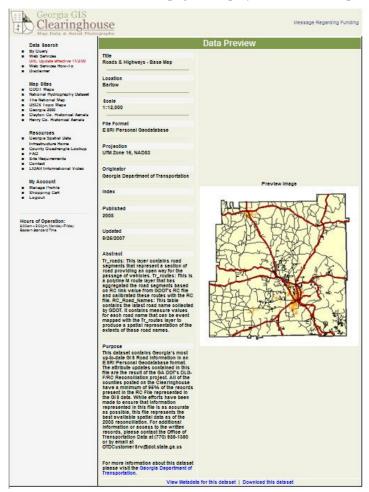
- 10. A summary of the metadata is displayed on the Data Preview page. **To view all the metadata for this dataset**, do the following sub-steps:
 - 1. **Scroll** the Data Preview page as required and select (click) the **View Metadata For This Dataset** hyperlink.

Results: The County Roads Metadata page is displayed.



2. **Scroll** the County Roads Metadata page as required to view the metadata.

- 11. **To download the dataset**, do the following sub-steps:
 - 1. If the Data Preview page is not displayed, select (click) your internet browser's **Back** button. Results: The Data Preview page is displayed for the corresponding data.

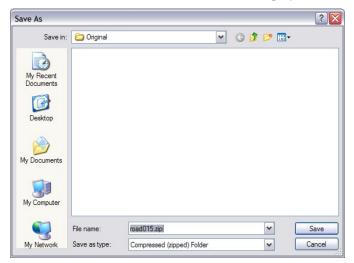


2. **Scroll** the Data Preview page as required and select (click) the **Download This Dataset** hyperlink. Results: The standard File Download window is displayed.



3. Select (click) the **Save** button.

Results: The standard Save As window is displayed.



- 4. In the Save In field, select (click) the folder in which you want to save the dataset file.
- 5. In the File Name field, type the **name of the dataset file**.
- 6. Select (click) the **Save** button.

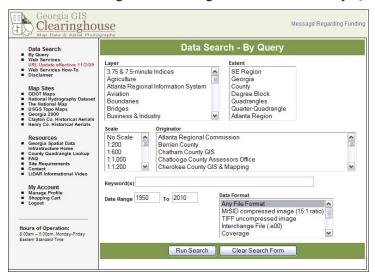
Results: The dataset file is saved in the selected folder.

2.6 Querying For Countywide Aerial Imagery Data

Aerial imagery provides a useful backdrop for many analyses. While the Georgia Department of Transportation (GDOT) does not upload aerial imagery data to the GA GIS Clearinghouse website for downloading by the users, there are a number of formats and sources available on the GA GIS Clearinghouse website.

1. If the Search Results field contains any entries, select (click) the Clear Search Form button.

Results: The Georgia GIS Clearinghouse - Data Search By Query page is displayed.



2. In the Layer field, **scroll** the field as required and select (click) **Imagery**.

Results: The Imagery entry is highlighted (gray).

3. In the Extent field, select (click) **County**.

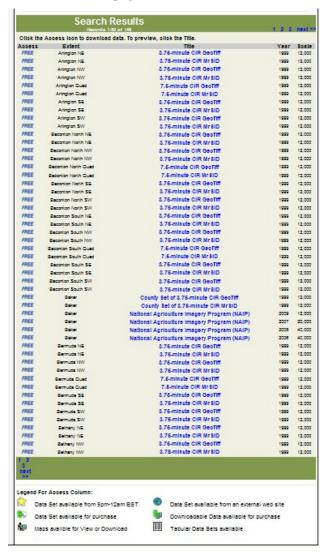
Results:

- The County entry is highlighted (gray).
- The Georgia Counties field is added to the displayed Georgia GIS Clearinghouse Data Search By Query page.
- 4. In the Georgia Counties field, **scroll** the field as required and select (click one county name or press the CTRL key while clicking multiple county names) one or more **county names** in which you want to view the corresponding county aerial imagery data.

Results: The selected county name(s) is highlighted (gray).

5. Select (click) the **Run Search** button.

Results: The first page of the entries that match the search criteria are added to Search Results field.



- 6. In the Search Results field, **scroll** the field as required until you see the title of the hyperlink in which you want to open.
- 7. If the Search Results field does not contain the title of the hyperlink in which you are searching for, one or more of the following may be the reason:
 - Your query for data resulted in multiple pages of hyperlinked data. Open the next page(s) of the Search Results field and **go back to Step 6**.
 - The data in which you are searching for is not available on the Georgia GIS Clearinghouse website. Stop your query, you are done performing this procedure.
 - You have selected the wrong parameters on the fields of the Georgia GIS Clearinghouse Data Search By Data page. **Go back to Step 1**.
 - You have mistyped an entry in the Keyword(s) field of the Georgia GIS Clearinghouse Data Search By Data page. **Go back to Step 1**.
- 8. Select (click) the **title of the hyperlink of the imagery** in which you want to view.

Results: The Data Preview page is displayed with the corresponding data.



- 9. A summary of the metadata is displayed on the Data Preview page. **To view all the metadata for this dataset**, do the following sub-steps:
 - 1. **Scroll** the Data Preview page as required and select (click) the **View Metadata For This Dataset** hyperlink.
 - Results: The Metadata page is displayed.
 - 2. **Scroll** the Metadata page as required to view the metadata.

- 10. **To download the dataset**, do the following sub-steps:
 - 1. If the Data Preview page is not displayed, select (click) your internet browser's **Back** button. Results: The Data Preview page is displayed for the corresponding data.

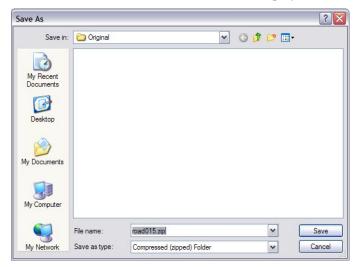


2. **Scroll** the Data Preview page as required and select (click) the **Download This Dataset** hyperlink. Results: The standard File Download window is displayed.



3. Select (click) the **Save** button.

Results: The standard Save As window is displayed.



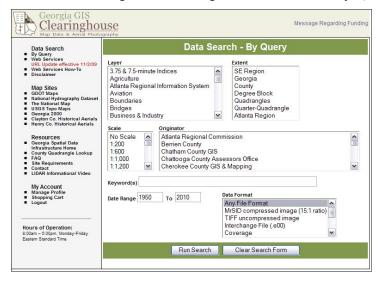
- 4. In the Save In field, select (click) the folder in which you want to save the dataset file.
- 5. In the File Name field, type the **name of the dataset file**.
- 6. Select (click) the **Save** button.

Results: The dataset file is saved in the selected folder.

2.7 Querying For Countywide GDOT Data

1. If the Search Results field contains any entries, select (click) the Clear Search Form button.

Results: The Georgia GIS Clearinghouse - Data Search By Query page is displayed.



2. In the Extent field, select (click) **County**.

Results:

- The County entry is highlighted (gray).
- The Georgia Counties field is added to the displayed Georgia GIS Clearinghouse Data Search By Query page.
- 3. In the Georgia Counties field, **scroll** the field as required and select (click one county name or press the CTRL key while clicking multiple county names) one or more **county names** in which you want to view the corresponding county road data.

Results: The selected county name(s) is highlighted (gray).

- 4. In the Originator field, **scroll** the field as required and select (click) **Georgia Department of Transportation**.
- 5. In the Data Format field, select (click) **Any File Format**.
- 6. Select (click) the **Run Search** button.

Results: The first page of the entries that match the search criteria are added to Search Results field.

7. In the Search Results field, **scroll** the field as required until you see the title of the hyperlink in which you want to open.

- 8. If the Search Results field does not contain the title of the hyperlink in which you are searching for, one or more of the following may be the reason:
 - Your query for data resulted in multiple pages of hyperlinked data. Open the next page(s) of the Search Results field and **go back to Step 7**.
 - The data in which you are searching for is not available on the Georgia GIS Clearinghouse website. Stop your query, you are done performing this procedure.
 - You have selected the wrong parameters on the fields of the Georgia GIS Clearinghouse Data Search By Data page. **Go back to Step 1**.
 - You have mistyped an entry in the Keyword(s) field of the Georgia GIS Clearinghouse Data Search By Data page. **Go back to Step 1**.
- 9. Select (click) the **title of the hyperlink** in which you want to open.

Results: The Data Preview page is displayed for the corresponding data.

- 10. A summary of the metadata is displayed on the Data Preview page. **To view all the metadata for this dataset**, do the following sub-steps:
 - 1. **Scroll** the Data Preview page as required and select (click) the **View Metadata For This Dataset** hyperlink.

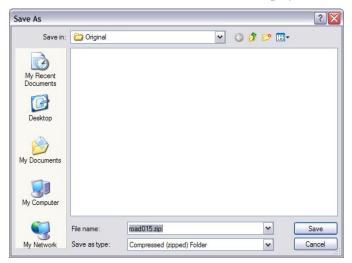
Results: The Metadata page is displayed.

- 2. **Scroll** the Metadata page as required to view the metadata.
- 11. **To download the dataset**, do the following sub-steps:
 - 1. If the Data Preview page is not displayed, select (click) your internet browser's **Back** button. Results: The Data Preview page is displayed for the corresponding data.
 - 2. **Scroll** the Data Preview page as required and select (click) the **Download This Dataset** hyperlink. Results: The standard File Download window is displayed.



3. Select (click) the **Save** button.

Results: The standard Save As window is displayed.



- 4. In the Save In field, select (click) the folder in which you want to save the dataset file.
- 5. In the File Name field, type the **name of the dataset file**.
- 6. Select (click) the **Save** button.

Results: The dataset file is saved in the selected folder.

2.8 Querying For Statewide GDOT Data

1. If the Search Results field contains any entries, select (click) the Clear Search Form button.

Results: The Georgia GIS Clearinghouse - Data Search By Query page is displayed.



2. In the Extent field, select (click) Georgia.

Results: The Georgia entry is highlighted (gray).

- 3. In the Originator field, **scroll** the field as required and select (click) **Georgia Department of Transportation**.
- 4. In the Data Format field, select (click) Any File Format.
- 5. Select (click) the **Run Search** button.

Results: The first page of the entries that match the search criteria are added to Search Results field.

- 6. In the Search Results field, **scroll** the field as required until you see the title of the hyperlink in which you want to open.
- 7. If the Search Results field does not contain the title of the hyperlink in which you are searching for, one or more of the following may be the reason:
 - Your query for data resulted in multiple pages of hyperlinked data. Open the next page(s) of the Search Results field and **go back to Step 6**.
 - The data in which you are searching for is not available on the Georgia GIS Clearinghouse website. Stop your query, you are done performing this procedure.
 - You have selected the wrong parameters on the fields of the Georgia GIS Clearinghouse Data Search By Data page. **Go back to Step 1**.
 - You have mistyped an entry in the Keyword(s) field of the Georgia GIS Clearinghouse Data Search By Data page. **Go back to Step 1**.
- 8. Select (click) the **title of the hyperlink** in which you want to open.

Results: The Data Preview page is displayed for the corresponding data.

- 9. A summary of the metadata is displayed on the Data Preview page. **To view all the metadata for this dataset**, do the following sub-steps:
 - 1. **Scroll** the Data Preview page as required and select (click) the **View Metadata For This Dataset** hyperlink.

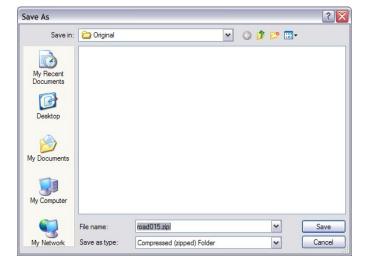
Results: The Metadata page is displayed.

- 2. **Scroll** the Metadata page as required to view the metadata.
- 10. **To download the dataset**, do the following sub-steps:
 - 1. If the Data Preview page is not displayed, select (click) your internet browser's **Back** button. Results: The Data Preview page is displayed for the corresponding data.
 - 2. **Scroll** the Data Preview page as required and select (click) the **Download This Dataset** hyperlink. Results: The standard File Download window is displayed.



3. Select (click) the **Save** button.

Results: The standard Save As window is displayed.



- 4. In the Save In field, select (click) the folder in which you want to save the dataset file.
- 5. In the File Name field, type the **name of the dataset file**.
- 6. Select (click) the **Save** button.

Results: The dataset file is saved in the selected folder.